

ABSTRACT

The present invention provides a spark plug is capable of improving the fouling property together with the heat resistance. By regulating a clearance 5 β in a space Q so as to be less than 0.45 mm, intrusion of unburnt gas into the space Q can be assuredly prevented even when used in an environment of being easily fouled. Further, since the gap of less than 0.45 mm is provided axially from a most front end of 10 a plate packing 8 as a starting point to a finishing point that is part from the starting point by 1.2 mm or more toward a front end side while being apart from the front end surface of the metallic shell by 7.9 mm or more toward a rear end side, the amount of heat 15 transmitted from an insulator 2 to a metallic shell 1 can be regulated. Accordingly, by regulating the thermal value of the spark plug, not only the heat resistance but also the fouling resistance can be improved.